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=> d his nofile, 14 ibib abs 1-9
'NOFILE,' IS NOT VALID HERE
For an explanation, enter "HELP DISPLAY HISTORY".
=> d his nofile
     (FILE 'HOME' ENTERED AT 15:38:38 ON 11 AUG 2011)
     FILE 'CAPLUS' ENTERED AT 15:38:45 ON 11 AUG 2011
                SET LINE 250
                SET DETAIL OFF
                E CYCLODEXTRIN+ALL/CT
                SET LINE LOGIN
                SET DETAIL LOGIN
                SET LINE 250
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                E B-CYCLODEXTRIN+ALL/CT
                SET LINE LOGIN
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                SET LINE 250
                SET DETAIL OFF
                E A-CYCLODEXTRIN+ALL/CT
                SET LINE LOGIN
                SET DETAIL LOGIN
L1
          49282 SEA SPE=ON ABB=ON PLU=ON CYCLODEXTRIN OR "Γ-CYCLODEXTR
                IN" OR "B-CYCLODEXTRIN" OR "A-CYCLODEXTRIN" OR
                "HP-B-CYCLODEXTRIN" OR "SBE-B-CYCLODEXTRIN"
                SET LINE 250
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                SET LINE LOGIN
                SET DETAIL LOGIN
L2
          22568 SEA SPE=ON ABB=ON PLU=ON PYRETHROID OR "PYRETHRINS" OR
                CYPERMETHRIN OR FENVALERATE OR DELTAMETHRIN OR CYFLUTHRIN
                SET LINE 250
                SET DETAIL OFF
                E PIPERONYL BUTOXIDE+ALL/CT
                SET LINE LOGIN
                SET DETAIL LOGIN
                SET LINE 250
                SET DETAIL OFF
                E SESAMOL+ALL/CT
                SET LINE LOGIN
                SET DETAIL LOGIN
T.3
          43401 SEA SPE=ON ABB=ON PLU=ON SYNERGIST OR PIPERONYL BUTOXIDE OR
                PBO OR "1,3-BENZODIOXOLE, 5-((2-(2-BUTOXYETHOXY)ETHOXY)METHYL)-
                6-PROPYL-" OR PBO OR SESAMOL OR "1,3-BENZODIOXOL-5-OL" OR
                "3,4-METHYLENEDIOXYPHENOL"
              9 SEA SPE=ON ABB=ON PLU=ON L1 AND L2 AND L3
T.4
=> d 14 ibib abs 1-
YOU HAVE REQUESTED DATA FROM 9 ANSWERS - CONTINUE? Y/(N):v
    ANSWER 1 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN
                         2010:1127861 CAPLUS
ACCESSION NUMBER:
                         153:440825
DOCUMENT NUMBER:
TITLE:
                         Surface topographies for non-toxic bioadhesion control
INVENTOR(S):
                         Brennan, Anthony B.; Long, Christopher James; Bagan,
                         Joseph W.; Schumacher, James Frederick; Spiecker, Mark
                         Μ.
```

University of Florida, USA

PATENT ASSIGNEE(S):

SOURCE: U.S. Pat. Appl. Publ., 64pp., Cont.-in-part of U.S.

Ser. No. 567,103.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20100226943	A1	20100909	US 2009-550870	20090831
US 20050178286	A1	20050818	US 2004-780424	20040217
US 7650848	В2	20100126	US 2006-567103	20061205
PRIORITY APPLN. INFO.:			US 2004-780424 A	2 20040217
			US 2005-202532 A	2 20050812
			US 2006-567103 A	2 20061205

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT AB The invention relates to articles and related devices and systems having surface topog. and/or surface elastic properties for providing non-toxic bioadhesion control. An article includes a first plurality of spaced features arranged in a plurality of groupings including repeat units. The spaced features within a grouping are spaced apart at an average distance of about 1 nm to about 500 μm , each feature having a surface that is substantially parallel to a surface on a neighboring feature separated from its neighboring feature. The groupings of features are arranged with respect to one another so as to define a tortuous pathway. The plurality of spaced features provide the article with an engineered roughness index of about 5 to about 20.

L4 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2005:394989 CAPLUS

DOCUMENT NUMBER: 142:406029

TITLE: Synergized insecticide complexed with cyclodextrin INVENTOR(S): Piccolo, Oreste; Delogu, Giovanna; Borzatta, Valerio

PATENT ASSIGNEE(S): Endura S.P.A., Italy SOURCE: PCT Int. Appl., 15 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATEN	1 TI	10.			KIN	D	DATE			APPL	ICAT	ION I	NO.		D	ATE	
WO 20					A2 A3		2005 2005		,	WO 2	004-	EP52	665		2	0041	
	√:		_	AL,			AU,		BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FΙ,	GB,	GD,
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	KP,	KR,	KΖ,	LC,
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NΙ,
		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,
		ΤJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW
F	₹W:	BW,	GH,	GM,	ΚE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,
		AΖ,	BY,	KG,	KΖ,	MD,	RU,	ТJ,	TM,	ΑT,	ΒE,	BG,	CH,	CY,	CZ,	DE,	DK,
		EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,	ΙT,	LU,	MC,	NL,	PL,	PT,	RO,	SE,
		SI,	SK,	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,
		SN,	TD,	ΤG													
IT 13	3493	308			В1		2008	1120		IT 2	003-1	MI20	88		2	0031	027
AU 20	0042	2834	92		A1		2005	0506		AU 2	004-	2834	92		2	0041	026
AU 20	0042	2834	92		В2		2011	0512									
CA 25	5438	347			A1		2005	0506	1	CA 2	004-	2543	847		2	0041	026

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EP 1715739
                     A2
                            20061102 EP 2004-817282 20041026
    EP 1715739
                      B1 20090701
       R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
           IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
    CN 1870889
                     A
                            20061129
                                    CN 2004-80031423
                                                           20041026
    CN 1870889
                     В
                           20110629
                           20070116 BR 2004-15906
    BR 2004015906
                     A
                                                           20041026
    JP 2007509853
                     Τ
                          20070419 JP 2006-536100
                                                           20041026
                          20090715 AT 2004-817282
                     Τ
    AT 434935
                                                           20041026
                     T3 20091126 ES 2004-817282
A 20060731 MX 2006-4586
    ES 2329477
                                                          20041026
    MX 2006004586
                     A
                                                          20060425
    US 20070072827
                     A1 20070329 US 2006-577409
                     A 20071227 ZA 2006-4325
    ZA 2006004325
                                                           20060525
                                     IN 2006-CN1872
    IN 2006CN01872
                     A
                          20070608
                                                           20060526
                     A1 20110617
    IN 248072
PRIORITY APPLN. INFO.:
                                      IT 2003-MI2088
                                                       A 20031027
                                      WO 2004-EP52665
                                                       W 20041026
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

The present invention provides a new insecticide formulation based on cyclodextrin characterized in that the active substance (insecticide and/or insect growth regulator), and a compound synergistic with the active substance, are complexed simultaneously with cyclodextrin. The formulation is a solid or as a solid/oil composition, and is soluble or completely

emulsifiable in water or in aqueous mixts. of water miscible solvents. The activity of the formulations was greater than that of a mixture of the two active components each complexed sep. with cyclodextrin, for the same dose. The preparation of the formulation and its use as an insecticide in agriculture, for veterinary use or to eliminate household insects, are further aspects of the invention.

THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD OS.CITING REF COUNT: 3 (4 CITINGS)

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS REFERENCE COUNT: 2 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 3 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

2005:141200 CAPLUS ACCESSION NUMBER:

DOCUMENT NUMBER: 142:254568

TITLE: Methods and compositions for increasing the efficacy of biologically-active ingredients such as antitumor

agents

INVENTOR(S): Windsor, J. Brian; Roux, Stan J.; Lloyd, Alan M.;

Thomas, Collin E.

PATENT ASSIGNEE(S): Board of Regents, the University of Texas System, USA

SOURCE: PCT Int. Appl., 243 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent English LANGUAGE:

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005014777	A2	20050217	WO 2003-US32667	20031016
WO 2005014777	A3	20050915		
W: AE, AG, AL,	AM, AT,	, AU, AZ,	BA, BB, BG, BR, BY, BZ,	CA, CH, CN,
CO, CR, CU,	CZ, DE,	, DK, DM,	DZ, EC, EE, EG, ES, FI,	GB, GD, GE,
GH, GM, HR,	HU, ID,	, IL, IN,	IS, JP, KE, KG, KP, KR,	KZ, LC, LK,
LR, LS, LT,	LU, LV,	, MA, MD,	MG, MK, MN, MW, MX, MZ,	NI, NO, NZ,
OM, PG, PH,	PL, PT,	, RO, RU,	SC, SD, SE, SG, SK, SL,	SY, TJ, TM,
TN, TR, TT,	TZ, UA,	, UG, US,	UZ, VC, VN, YU, ZA, ZM,	ZW

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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
            KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
            FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
            BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
    CA 2502148
                              20050217 CA 2003-2502148 20031016
                       A1
    AU 2003304398
                       A1
                              20050225
                                        AU 2003-304398
                                                               20031016
    EP 1576150
                                       EP 2003-816736
                        Α2
                              20050921
                                                               20031016
                              20051102
    EP 1576150
                        А3
           AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
    US 20060276339
                       A1 20061207
                                         US 2006-531744 20060123
PRIORITY APPLN. INFO.:
                                         US 2002-418803P
                                                           P 20021016
                                         WO 2003-US32667 W 20031016
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
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The invention provides methods and compns. for modulating the sensitivity of cells to cytotoxic compds. and other active agents. In accordance with the invention, compns. are provided comprising combinations of ectophosphatase inhibitors and active agents. Active agents include antibiotics, fungicides, herbicides, insecticides, chemotherapeutic agents, and plant growth regulators. By increasing the efficacy of active agents, the invention allows use of compns. with lowered concns. of active ingredients.

OS.CITING REF COUNT: 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD

(9 CITINGS)

REFERENCE COUNT: THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 4 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2005:41493 CAPLUS

DOCUMENT NUMBER: 142:150256

TITLE: Pyrethrin slow-releasing preparation and its

preparation process

INVENTOR(S): Wang, Huaiyong

PATENT ASSIGNEE(S): Honghe Senju Biology Co. Ltd., Peop. Rep. China SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

(2)

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	CN 1481685	A	20040317	CN 2003-117808	20030501
	CN 1206919	С	20050622		
PRIOR	RITY APPLN. INFO.:			CN 2003-117808	20030501
AB	The slow-releasing p	preparat	tion comprise	es cyclodextrin 10-20,	pyrethrin
conce	entrate				

5-10, emulsifying agent 15-30, Tween $80\ 0.5-1.0$ %, PB synergist, BHT

stabilizing agent, and addnl. water. The ratio of PB synergist to the pyrethrin concentrate is 1-3; and that of BHT stabilizing agent to the effective

component of pyrethrin raw-oil is 12.5-25%. The emulsifying agent comprises 5202 15% and 2201 85%. The preparation process comprises: (1) mixing pyrethrin concentrate and BHT stabilizing agent, stirring to obtain mixture I;

mixing PB synergist, emulsifying agent and tween 80 to obtain mixture II;

- (3) mixing mixture I and II; (4) adding cyclodextrin under stirring; and
- (5) adding water under stirring.
- ANSWER 5 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN L4

ACCESSION NUMBER: 2003:285047 CAPLUS

DOCUMENT NUMBER: 140:1869

TITLE: Action of pyrethrum-based formulations against grain

weevils

AUTHOR(S): Biebel, R.; Rametzhofer, E.; Klapal, H.; Polheim, D.;

Viernstein, H.

CORPORATE SOURCE: Centre of Pharmacy, Institute of Pharmaceutical

Technology and Biopharmaceutics, University of Vienna,

Vienna, A-1090, Austria

SOURCE: International Journal of Pharmaceutics (2003),

256(1-2), 175-181

CODEN: IJPHDE; ISSN: 0378-5173

PUBLISHER: Elsevier Science B.V.

DOCUMENT TYPE: Journal LANGUAGE: English

Pyrethrum extract, containing six insecticidal esters, has a long history of successful application in the control of stored products. Its low environmental hazard makes it an ideal pesticide for outdoor pre-harvest treatment. However the disadvantage of its low light stability then becomes apparent. This drawback can be overcome by the complexation of pyrethrum extract with gamma-cyclodextrin. Primary object of the conducted studies was to investigate the effect of complexation upon the insecticidal action against the grain weevil, an important storage pest in temperate climates. To slow down the quick metabolism of pyrethrum by the insects' microsomal system synergistic substances are added. Addnl. to the already well-known piperonyl butoxide two natural synergists, sesamol and tocopherol acetate, were combined with pyrethrum extract to investigate their synergistic activity. A complex of pyrethrum with gamma-cyclodextrin, with piperonyl butoxide as synergist, has a slightly enhanced action compared to a com. product, which contained pyrethrum in its free form. Sesamol and tocopherol acetate also display a synergistic action, but to a much smaller degree, even if applied in larger amts. The optimal concentration of pyrethrum was found to be 0.3% combined with 3% piperonyl butoxide.

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD

(2 CITINGS)

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2002:134351 CAPLUS

DOCUMENT NUMBER: 136:146538

TITLE: Aromatic insecticide composition consisting of pyrethrin and manufacturing method thereof INVENTOR(S): Han, Jong Hwi; Kwon, Do Woo; Lee, Bong Sang

PATENT ASSIGNEE(S): S. Korea

SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given

CODEN: KRXXA7

DOCUMENT TYPE: Patent LANGUAGE: Korean

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE			
KR 2000037438 PRIORITY APPLN. INFO.:	 A	20000705	KR 2000-21708 KR 2000-21708	20000424 20000424			
AB An aromatic insecticide composition consisting of pyrethrin, piperonyl butoxide, .betacyclodextrin inclusion complex of l-menthol is provided which has excellent insecticidal effect on insects such as							

cockroaches, ants or mosquitoes living indoors or outdoors. A manufacturing

 $% \left(1\right) =\left(1\right) +\left(1\right) +\left($

0.2-1.0 pts. weight of pyrethrin, 0.6-3 pts. weight of piperonyl butoxide and 3-7 pts. weight of camphor are solubilized in alc. or acetone; the solution is sprayed onto 1-5 pts. weight of hard silicate anhydride to be absorbed and then dried; and 1-5 pts. weight of magnesium stearic acid, optionally 20-50 pts. weight of .beta.-cyclodextrin inclusion complexes of l-menthol, are added.

L4 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2001:510353 CAPLUS

DOCUMENT NUMBER: 135:60473

TITLE: Antiseptic, antibacterial, insect-resistant,

antisenescent and antistaling agent for storage of

chestnut

INVENTOR(S): Xiao, Guoguang; Wang, Xiaoming; Wang, Rong; Tang,

Shijun; Gan, Feng; Li, Changzhu

PATENT ASSIGNEE(S): Changsha Research Inst. of Mining and Metallurgy,

Ministry of Metallurgical Industry, Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 7 pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

P.	ATENT NO.	KIND	DATE	APPLICATION NO.	DATE
_					
C.	N 1271526	A	20001101	CN 1999-115342	19990422
C1	N 1213665	С	20050810		
-		A C		CN 1999-115342	1

PRIORITY APPLN. INFO.: CN 1999-115342 19990422 The antistaling agent is composed of main composition 5-95, synergist 0.1-20, emulsifying dispersant 0.1-15, and filler 5-95%. The main composition is compound A, B, and/or C. The compound A is gibberellin, substituted phenoxy acid or its derivs. (such as 4-chlorophenoxyacetic acid, or 2,4-dichlorophenoxyacetic acid), naphthylacetic acid, etc. The compound B is bactericide selected from carbendazim, benomyl, etc. The compound C is selected from dimethrin, carbamate, or plant insecticide. The synergist is selected from citric acid, citral, engenol, CM-cellulose, carboxymethylated starch, or cyclodextrin. The emulsifying dispersant is selected from alkyl benzenesulfonate, alkyl sulfate, alkyl naphthylsulfonate, etc. The filler is selected from water, spirit, bentonite, kaolin, sepiolite, zeolite, CaCO3, pearlite, vermiculite, and/or fly ash, etc. The dose form is granule, powder, wettable powder, suspension, emulsion, or solution

L4 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2001:42039 CAPLUS

DOCUMENT NUMBER: 134:67495

TITLE: Preparation of floating-type agrochemicals for rice

field

INVENTOR(S): Xiao, Guoguang; Wang, Rong PATENT ASSIGNEE(S): Changsha Inst. of Mining

& Metallurgy, Ministry of

Metallurgical Industry, Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 8 pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1252218	A	20000510	CN 1998-112697	19981026
CN 1166289	С	20040915		

PRIORITY APPLN. INFO.: CN 1998-112697 19981026

The floating-type agrochems. comprises active component 0.1-50, synergist 0.1-20, and floating carrier 99.8-30%. The active component is selected from various agrochems., such as pesticides: fenitrothion, urbacid, carbaryl-BHC, parathion, dimethoate, phosmet, shachongshuang, carbamates, lambda-cyhalothrin, deltamethrin; herbicides: acetochlor, propisochlor, butachlor, quinclorac, bispyribac-sodium, bensulfuron-Me, metsulfuron-Me, pyrazosulfuron-Et, tribenuron-Me, imazosulfuron, fenclorim, fenchlorazole, fenoxaprop-Et; plant growth regulators: gibberellic acid, cytokinins, kinetin, mepiquat chloride, DCPTA; and fungicides: jinggangmycin and thiophanate etc. The synergist is selected from cyclodextrin, anilofos, etc. The floating carrier comprises carrier with apparent d. of less than 1, oily substance, surfactant and stabilizer. The carrier is selected from expanded perlite, vermiculite, zeolite, coal ash, macromol. foam material, pulverized maize core, etc.; the oily substance from paraffin oil, glyceryl ester, animal oil, vegetable oil, mineral oil, etc.; the surfactant from alkylsulfonate, alkyl sulfate, alkylbenzenesulfonate, etc.; and the stabilizer from BaSO4, CaSO4, KH2PO4, zeolite, etc. The process comprises mixing active component and synergist at $10-45^{\circ}$, milling, and mixing with floating carrier.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L4 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 1984:493152 CAPLUS

DOCUMENT NUMBER: 101:93152

ORIGINAL REFERENCE NO.: 101:14273a,14276a

TITLE: Piperonyl butoxide-cyclodextrin inclusion complexes INVENTOR(S): Szejtli, Jozsef; Budai, Zsuzsanna; Radvany Hegedus,

S): Szejtli, Jozsef; Budai, Zsuzsanna; Radvany Hegedus, Erzsebet; Papp, Laszlo; Koermoeczy, Gyoergy; Pap

Imrenyi, Gabriella

PATENT ASSIGNEE(S): Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt.,

Huna.

SOURCE: Ger. Offen., 17 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PAI	CENT NO.	KIND	DATE	APP1	LICATION NO.		DATE
						-	
DE	3339840	A1	19840510	DE :	1983-3339840		19831104
HU	32138	A2	19840628	HU :	1982-3597		19821109
HU	190818	В	19861128				
GB	2131426	A	19840620	GB :	1983-29345		19831103
GB	2131426	В	19860813				
FR	2535720	A1	19840511	FR :	1983-17644		19831107
FR	2535720	В1	19860228				
JP	59152381	A	19840831	JP :	1983-210680		19831109
US	4524068	A	19850618	US :	1983-550478		19831109
PRIORITY	APPLN. INFO.:			HU :	1982-3597	А	19821109

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The reaction of cyclodextrin with piperonyl butoxide (I) gave the title product which increased the efficacy of insecticides and fungicides.

Thus, a mixture of 20 g .beta.-cyclodextrin and 5 mL. I was homogenized for 5 min and dried to give 25.1 g .beta.-cyclodextrin-piperonyl butoxide compound (II) [91454-94-3] (1:0.84) containing 20% I. On feeding on filter paper containing 5 mg tetramethrin [7696-12-0], the II knocked down Drosophila melanogaster 1.5-2 times faster than I did in 24 h.

OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)